

**From:** [Coltrain, Katrina](#)  
**To:** [Jeff Pearl](#)  
**Cc:** [Todd Downham](#); [Turner, Philip](#)  
**Subject:** RE: Wilcox Refinery Superfund Site and ODOT Project 29217(04) EW-815 aka 8th St. over Sand Creek, Creek Co., Bristow  
**Date:** Friday, December 18, 2015 1:38:00 PM

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Jeff, the only additional comment and issue to consider is that all of the borrow(i.e., meaning its full depth) needs to be characterized such that all scenarios can be evaluated for risk. These includes residential as well as any future construction and utilities work.

At this time, it is not clear and does not appear that the full extent of the borrow, lateral and vertical, will be characterized under the current proposed sampling plan.

I will be out of the office for the next two weeks. Please direct any human health or risk questions to Phil Turner.

thanks

Katrina Higgins-Coltrain  
Remedial Project Manager  
US EPA Region 6  
LA/OK/NM Section (6SF-RL)  
1445 Ross Avenue  
Dallas, Texas 75202  
214-665-8143

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**From:** Coltrain, Katrina  
**Sent:** Friday, December 11, 2015 12:56 PM  
**To:** 'Jeff Pearl'  
**Cc:** Todd Downham; Turner, Philip  
**Subject:** RE: Wilcox Refinery Superfund Site and ODOT Project 29217(04) EW-815 aka 8th St. over Sand Creek, Creek Co., Bristow

Jeff, a few comments for your consideration. There may be other comments from the risk assessor and ODEQ. Thank you for the opportunity to review your plan. Please call if you have any questions related to these comments.

1. The grids look to extend past the areas where the soil was placed. All grids should be limited to the extent of soil placement. Any inclusion of soil that is not borrow soil will alter results and potentially 'dilute' the concentration of the borrow soil which is what you are trying to characterize.
2. The text indicates that the borrow soils range in depths from 2ft to 8ft. Why is the sample plan only collecting 1 sample per grid from the 0-6in depth? This will not provide information on the remaining fill that was placed on the site. Characterization of the fill will require additional samples. The data from 0-6in is not representative of the entire depth range.
3. Based on the text, soils near the abutments have been overlain with riprap. Though the text is not clear, it is assumed that the sampled will be pulled from the borrow soil that

was buried.

4. For the grids that include the driveways, if the sample is being collected at the corner of each grid, then the driveway that falls in the center of the grid will only be represented by one sample aliquot and two aliquots will represent soil that was not brought over as fill. Efforts should be made to sample the fill that was brought over and placed in the construction area.
5. What is the purpose of the sample being collected at the 5-6ft depth?
6. What are the detection limits for the contaminants listed in Table 1? Will the detection limit be low enough to provide information that can be used to assess whether the soil poses a potential risk?

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**From:** Jeff Pearl [<mailto:JPEARL@ODOT.ORG>]

**Sent:** Wednesday, December 09, 2015 1:13 PM

**To:** Coltrain, Katrina; Todd Downham ([todd.downham@deg.ok.gov](mailto:todd.downham@deg.ok.gov))

**Cc:** Dawn Sullivan; Shannon Sheffert; Mark Zishka; Mark Scott; James Pruett;  
[Amy.Brittain@deg.ok.gov](mailto:Amy.Brittain@deg.ok.gov); [whitehouse@creekcountyonline.com](mailto:whitehouse@creekcountyonline.com); Chiles, Frank F

**Subject:** RE: Wilcox Refinery Superfund Site and ODOT Project 29217(04) EW-815 aka 8th St. over Sand Creek, Creek Co., Bristow

**Importance:** High

Katrina and Todd –

Attached please find the draft work plan for sampling the material in question at the referenced site. As you are well aware, all parties are anxious to get this work done, so we're hoping to get fieldwork started in a week or so. Please feel free to let us know if you have any questions, comments or concerns so we can keep this project moving.

Once again, we appreciate your patience and cooperation in this matter.

Sincerely,

Jeff

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**From:** Jeff Pearl

**Sent:** Friday, December 04, 2015 12:26 PM

**To:** Coltrain, Katrina ([coltrain.katrina@epa.gov](mailto:coltrain.katrina@epa.gov)); Todd Downham ([todd.downham@deg.ok.gov](mailto:todd.downham@deg.ok.gov))

**Cc:** Dawn Sullivan; Mark Zishka; Mark Scott; James Pruett; 'Amy.Brittain@deg.ok.gov';  
'whitehouse@creekcountyonline.com'; Shannon Sheffert; 'Chiles, Frank F'

**Subject:** FW: Wilcox Refinery Superfund Site and ODOT Project 29217(04) EW-815 aka 8th St. over Sand Creek, Creek Co., Bristow

Katrina and Todd –

I'm told the plan is still being revised and should be ready to submit to the County Monday. I'm hoping to get it to you within a few days thereafter. Thanks, and please feel free to call with questions.

Jeff

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**From:** Jeff Pearl

**Sent:** Wednesday, November 25, 2015 3:33 PM

**To:** Coltrain, Katrina; Todd Downham

**Cc:** Dawn Sullivan; Mark Zishka; Mark Scott; James Pruett; [Amy.Brittain@deq.ok.gov](mailto:Amy.Brittain@deq.ok.gov); [lwhitehouse@creekcountyonline.com](mailto:lwhitehouse@creekcountyonline.com); Shannon Sheffert

**Subject:** RE: Wilcox Refinery Superfund Site and ODOT Project 29217(04) EW-815 aka 8th St. over Sand Creek, Creek Co., Bristow

Katrina and Todd –

Once again I thank you for your patience in this matter, as there are quite a few parties involved and we're trying not to leave anyone out of the process. Figuring out who's responsible for what has been, to say the least, a challenge.

In short, as indicated below, we have task ordered a consultant to prepare a work plan for sampling and should be putting that in front of the County next week. That should be the last stop before submitting to you and Todd. With a little luck, I'm hoping to have it to you be the end of next week.

Thanks again for your continued cooperation, and feel free to call my cell (405-249-2751) anytime if you have questions.

Jeff

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**From:** Shannon Sheffert

**Sent:** Wednesday, November 25, 2015 3:28 PM

**To:** Coltrain, Katrina; Jeff Pearl; Todd Downham

**Cc:** Dawn Sullivan; Mark Zishka; Mark Scott; James Pruett; [Amy.Brittain@deq.ok.gov](mailto:Amy.Brittain@deq.ok.gov); [lwhitehouse@creekcountyonline.com](mailto:lwhitehouse@creekcountyonline.com)

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Ms. Coltrain, I suspect that Mr. Pearl is off today and won't be back till next week. On that note, in general we are working with Enviro Clean Cardinal LLC for some sampling investigation in all the suspected borrow placement areas on the bridge site. I am not sure of the time frame but they are working on a task order approval to get started soon. I will ask Jeff to respond when he gets back in to the office.

Thanks

Shannon Sheffert  
Local Government Division Engineer

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**From:** Coltrain, Katrina [<mailto:coltrain.katrina@epa.gov>]  
**Sent:** Wednesday, November 25, 2015 2:57 PM  
**To:** Jeff Pearl; Todd Downham  
**Cc:** Dawn Sullivan; Shannon Sheffert; Mark Zishka; Mark Scott; James Pruett; [Amy.Brittain@deq.ok.gov](mailto:Amy.Brittain@deq.ok.gov)  
**Subject:** Wilcox Refinery Superfund Site and ODOT Project 29217(04) EW-815 aka 8th St. over Sand Creek, Creek Co., Bristow

Jeff, on October 27, 2015, Todd Downham, ODEQ, and I were at the Wilcox Oil Company Superfund. While at the site, Todd and I noticed that soil was being removed from the superfund site by contractors working on the 8<sup>th</sup> Street Bridge over Sand Creek in Bristow, Oklahoma. We further learned that the soil was being used as fill material along the road and bridge bank. We immediately called and discussed this issue with you over the phone, and then followed that conversation with an onsite meeting the same day.

Please provide us with an update on how the bridge project team plans to move forward.

Thanks

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